THE AUSTRALIAN NATIONAL UNIVERSITY

RESEARCH: SCHOOL OF SOCIAL SCIENCES

DEPARTMENT OF DEMOGRAPHY

ANNUAL REPORT 1967

Professor: W.D. Borrie, M.A.(H.Z.)

Professorial Fellows: Norma R. McArthur, B.A.(Melb.), Ph.D.(Lond.)

[Until May]
J.C. Caldwell, B.A.(New England), Ph.D.(ANU)
[Until November]

Research Fellows: D.J. van de Kaa, Drs.(Utrecht)
K.G. Basavarajappa, M.Sc.(Karnatak), Ph.D.(ANU)

Visiting Fellows: W. Brass, M.A.(Edinburgh) [July-October]
E. Giles, M.A.(Calif.), Ph.D.(Harvard)
[From August]

Research Assistants: Mrs. Nancy V. Kuskie
Mrs. Horag Cameron, B.Sc.(St. Andrews)
Mrs. Loreley Jorgensen, B.Sc.(Qld.)

Departmental Assistant: Mrs. Roma Hodgson

Secretary: Mrs. Pamela Sutherland
Departmental Typist: Miss Annette Habermann

The Department records with appreciation the visit of Dr. W. Brass, Reader in Medical Demography, London School of Hygiene and Tropical Medicine, and particularly his weekly seminars on problems of demographic analysis in areas with deficient vital data.

Dr. Eugene Giles, who arrived as a Visiting Fellow in August on a United States National Science Foundation grant, will be spending a year with the Department to study the application of demographic techniques in physical anthropology and genetics. He will be working closely in these matters with Mr. van de Kaa with particular reference to New Guinea.

The Department was visited for three days in December by Professor Vincent Whitney, Professor of Sociology at the University of Pennsylvania, and the Population Council representative in South-east Asia. While here Professor Whitney discussed research matters relating to the South-east Asian region.
With regard to its regular staff, the Department was sadly depleted during the year by the departure of two senior members of staff. In May Dr. Appleyard left to take up the Foundation Chair of Economic History in the University of Western Australia. In November Dr. Caldwell left for New York to join the Population Council as its Demographic Director for Africa. After approximately 12 months in New York Dr. Caldwell expects to spend an extensive period in Africa, which will enable him to follow up his earlier research in this region.

Recruitment remains difficult and not all vacancies could be filled during the year. In October Dr. J.D. Allingham, Assistant Professor at the University of Western Ontario and a graduate of the Department, was appointed to a Research Fellowship, but he will not take up his position until the latter part of 1968. This deferral will allow Dr. Allingham to complete a major research project on demographic aspects of the Canadian family, and this experience will be of considerable value for similar Australian studies which the Department wishes to develop.

**Student and Teaching Activities**

The following new students were enrolled:

**H.D. Hicks, B.A.(Adel.), 17 January 1967, research topic: 'Evidence and contemporary opinions about the growth of Australia's population, 1890-1915'.**

**Christabel H. Young, B.Sc.(Adel.), 6 March 1967, research topic: 'Cohort analysis of population trends and mortality experience in Australia'.**

**M.A. Khawaja, M.A.(Panjab), 6 July 1967. Mr. Khawaja's topic of research, in the field of mortality, has yet to be determined.**

**C.Y. Choi, M.A.(Western Reserve), 11 August 1967, research topic: 'Chinese immigration and settlement in Australia'.**

**M. Sivamurthy, M.Sc.(Mysore), 6 September 1967, research topic: 'Interrelations between components of population change as observed in selected populations'.**

Mr. Siddiquer Rahman, M.Sc.(Dacca), arrived in February to spend a year working in the Department as a Colombo Plan scholar, not enrolled for a degree.

Students still enrolled at the end of the year and continuing their research are:


**J.T. Yamaguchi: 'Growth, structure and deployment of Japanese labour force, with particular reference to the period of demographic transition in Japan since c.1950'.**

**J.P. Ambannavar: 'Growth and changing structure of labour force in India, 1911-1981'.**

The following student completed his course in November and will be examined early in 1968:

**P.O. Ohadike: 'Patterns and variations in fertility and family formation: A study of urban Africans in Lagos, Nigeria'.**

Mr. Ohadike has been appointed to a position as Research Fellow in Demography in the University of Zambia.
The following student was admitted to the degree of Doctor of Philosophy:

Yun Kim: 'The population of Korea, 1910-1945'.

In December there were eight scholars enrolled in the Department working for the Ph.D. degree. Two students appointed in 1967 will not be arriving until 1968.

Seminar activities during the year were concerned with "work-in-progress" discussions in which students presented sections of their research, and a series on demographic analyses with the major role played by Mr. Brass.

Staff Research

Research activities in 1967 concerned primarily Australia, the Pacific Islands, New Guinea, and the completion of the West African studies led by Dr. Caldwell.

Australian work included further analyses of trends in marriage and fertility, and also international migration. In the former, Dr. Basavarajappa completed his study of 'Pre-marital pregnancies and ex-nuptial births in Australia, 1911-66', and made considerable progress in the revision and up-dating of his Ph.D. thesis 'Trends in fertility in Australia, 1911-61', which he hopes to prepare for publication in 1968.

The project referred to in the Annual Report of 1966 concerning the sociological and demographic aspects of the Australian family could not proceed in 1967 because of problems in recruiting staff. As already indicated, it is hoped that this project will begin in the latter part of 1968 when Dr. Allingham joins the Department.

In regard to international migration, the field investigations of the second "follow up" of Professor Appleyard's longitudinal study of British migrants were completed during the year. The final analysis and writing of the results of this field work, which relates to British migrants after approximately seven years' residence in Australia, will now be undertaken by Professor Appleyard in the University of Western Australia. Professor Appleyard also continued his study of Asian migration policies.

Dr. Price continued and has practically completed the major work in connection with the study of Australia's restrictive immigration policy. He also devoted considerable time to an assessment of the extent of the departure of former settlers from Australia and a review of international migration in and from Asia and Oceania.

A development of very great research interest to the Department was the decision of the Social Science Research Council of Australia to take the theme of 'Immigrants in Australia's National Life' as the basis for its next "major research project". This project has been placed in the hands of a Committee with Professor Borrie as Chairman and two honorary Directors, Dr. C.A. Price (in social and cultural aspects) and Professor R.T. Appleyard (in economic aspects). The project is expected to run over a period of five years and to develop major new studies during 1968. Much will depend on the outside funds that can be raised for this research. In the latter part of the year Professor Borrie, Dr. Price and Professor Appleyard worked with the S.S.R.C. Committee on the initial research programme of the project.
Dr. McArthur's book, Island Populations of the Pacific, was published by the ANU Press in August, and throughout the year she has been helping to plan the Australian programme for the Human Adaptability Section of the International Biological Programme. One part of this will concern Aborigines and another New Guinea, and for both of these the demography of the population groups chosen will constitute an important part of the multi-disciplinary studies projected. As she was unable to attend a meeting of Consultants for the New Guinea project in July, Mr. van de Kaa participated on behalf of the Department. Mr. Brass also attended this meeting.

While awaiting the results of the 1966 Census of New Guinea, Mr. van de Kaa has begun a trial project on infant mortality in New Guinea and prepared several papers for publication, including one on the population for the New Guinea Encyclopaedia.

The results of the 1966 round of censuses in other Pacific territories are also awaited, but the Census of the New Hebrides, which was held in May 1967 under Dr. McArthur's direction, is now tabulated and early in 1968 she will collaborate with Mr. J.F. Yaxley, one of the two Supervisors of Census in the New Hebrides, in preparing the interpretative report for the Condominium Government.

The completion of two major manuscripts by Dr. Caldwell, The Population of Tropical Africa, and Population and Family Change in Africa: The Ghanaian Urban Elites, each to be published as a book in 1968, completed the Department's African studies. In January Dr. Caldwell made a short field trip to South-east Asia to prepare the ground for a return to the development of the Department's research interests in that region. Dr. Caldwell's departure in November will unfortunately mean a further delay in this work, but the Department has given preliminary consideration in 1967 to research that can be developed through census analysis. This work will increasingly become the responsibility of Dr. Basavarajappa on the completion of his major Australian study.

Other Activities

During the year Professor Borrie and Dr. Price lectured at the University of Sydney and the University of New South Wales to the Departments of Social Studies and Sociology.

Dr. Price and Professor Appleyard continued their work as consultants to the Immigration Advisory Council on the departure of former settlers. Professor Borrie continued his membership of the Immigration Planning Council.

In July Dr. McArthur attended a conference in Hawaii at the request of the East West Center to consider the development of population studies there with particular reference to the Pacific area.

In November Professor Borrie attended, as the Australian representative, the meeting of the Population Commission of the United Nations held in Geneva. He was re-elected Chairman of the Commission.

For some time the Department has been concerned about the lack of undergraduate work in the field of demography in Australian universities. The Department was therefore pleased to receive requests in November to discuss with representatives of the Departments of Economics in the University of Queensland and of Sociology in the University of New England the structure and form of undergraduate courses.
which these departments wish to initiate. Outlines of proposed courses have been prepared and these will be considered further in 1968. In these matters the Department has welcomed discussions with Professor Pollard of Macquarie University where a substantial undergraduate course in demography has been in operation since March 1967.

A further indication of a growing interest in the field is the enrolment of three students in the School of General Studies to work for a Master's degree specializing in demography. Professor Borrie has been supervising these students in a preliminary course before they embark on their theses.

While these discussions and supervision have necessarily involved considerable time and attention, the Department feels that this developmental work is essential if the subject is to gain a footing in Australian universities - a step considered vital to the long-term development of the Department's post graduate research.

An important event for the Department in 1967 was the regional conference of the International Union for the Scientific Study of Population, held in Sydney in August, in which the major theme was the population trends in the ECAFE region. Professor Borrie was Chairman of the Organizing Committee and the staff of the Department, together with Mr. L. Hopkins of the Bureau of Census and Statistics, formed the Organizing Committee. The conference, the first of its kind in Australia, was attended by some 200 persons, of whom approximately 130 came from overseas. The Committee was particularly pleased to receive substantial funds from abroad and from within Australia to assist the travel of demographers from the ECAFE region, and expresses its appreciation to the following benefactors: the Population Council of America, the Hyer Foundation, the Ian Potter Foundation and the Reserve Bank of Australia. The Committee also expresses its appreciation of the generous assistance of the University in assisting with the publication of the conference papers.

The Department also expresses its appreciation to the University for the assistance provided to enable a group of about 30 demographers associated with overseas universities to come to Canberra at the conclusion of the Sydney meeting to hold discussions with the Department on the role of universities in demographic training and research. These discussions were of very great value to the Department.

Support of Work

The Department wishes to repeat its appreciation of the continued co-operation of the Bureau of Census and Statistics and the Department of Immigration in its research. The special census tabulations and unpublished materials made available to the Department continue to be essential foundations of much of the research in the Department.

Staff Position

The approved triennium establishment for 1967 was an academic staff of eight. The year opened with seven on the ground. Two resignations reduced this to five. One vacancy was filled, but the appointed Research Fellow will not be arriving in Canberra until October 1968. The remaining established posts were advertised in September but the results of this search will not be known until 1968. The basic problem of recruitment is still the lack of Australian-trained demographers, other than those
produced by this Department, and therefore the heavy dependence for recruitment upon overseas candidates, particularly from North America, where demographers are in keen demand and incomes are high. No relief of this position is yet in sight.

Publications during 1967

APPLEYARD, R.T. **


BASAVARAJAPPA, K.G. ** and BELVALGIDAD, M.I. †

'Changes in age at marriage of females and their effect on the birth rate in India', Eugenics Quarterly, XIV, 1, 14-26, March 1967.

BASAVARAJAPPA, K.G.


BASAVARAJAPPA, K.G. and CALDWELL, J.C. *


BORRIE, H.D.


'Pills and populations', Current Affairs Bulletin, XL, i, 3-16, 5 June 1967.

CALDWELL, J.C. *


* Former member. Based on work done while a member of the Department.
† Not a member of this University.
** Based on work done prior to joining this University (a substantial amount of work having been done at this University).
McARTUR, Norma

'Australia's birth rate in perspective', Economic Record, XLIII, cl, 57-64, March 1967.

'Net migration to Australian Colonies and States 1881-1911', Australian and New Zealand Journal of Sociology, III, 1, 64-66, April 1967.


van de KAA, D.J.


‡ GROENEWEGEN, K. and van de KAA, D.J.**


YAMAGUCHI, J.T.


‡ Not a member of this University

** Based on work done prior to joining this University (a substantial amount of work having been done at this University).